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PATENT

DIVERTER FOR DUAL TRACK AIR ASSISTED COLLATOR

ABSTRACT

5 A collator includes a first conveyor having a
discharge end and a second receiving conveyor positioned
below the discharge end of the first conveyor. As each
product bag falls toward the second conveyor, an air blast
assists in uprighting the bag. The second conveyor may be
temporarily operated at a high speed to separate the
10 product bags into groups. A deflector may be mounted at
the discharge end of the second conveyor for directing
product bags into containers. A diverter may be used to
direct incoming product bags between parallel conveyors.